

62
cont
staining, and the percentage of phagocytic [The] monocyte-derived antigen-presenting cells being quantified by microscopic analysis.--

~~Claim 50, line 3, change "macrophages" to --MD-APCs--.~~

~~Claim 54, line 3, change "macrophages" to --MD-APCs--.~~

Amend claim 55 as follows:

Sub 2
E3
--55. (amended) Monocyte-derived antigen-presenting cells (MD-APCs) which are not tissue macrophages and which present the following properties:

(a) the presence on the MD-APC cell surface of surface antigens CD80 and CD86;

(b) the presence on the MD-APC cell surface of surface antigen CD14, and

(c) a phagocytic capacity.--

~~Claim 56, line 5, change "200 units." to --200.--.~~

~~Claim 57, line 4, change "200" to --200.--;~~

cancel line 5.

Amend claim 61 as follows:

E4
--61. (amended) The monocyte-derived antigen-presenting cells of claim 55, wherein said phagocytic capacity is evidenced by an uptake of formalin-fixed yeast after culturing [macrophages] MD-APCs for 2 hours, adding yeast in 1/10 [macrophages/yeast] MD-APCs/yeast ratio and incubating at 37°C, 5% CO₂ atmosphere for 2-3 hours fixing by the May-

Grünwald-Giesma (MGG) staining, and the percentage of phagocytic MD-APCs being quantified by microscopic analysis.--

[Amend claim 62 as follows:]

--62. (amended) The monocyte-derived antigen-presenting cells (MD-APCs) which present on their surface:

antigen CD14 and CD64 with a mean intensity of about 20 to about 200,

antigen CD80 and CD86 with a mean intensity of about 20 to about 200,

antigen CD40 and mannose receptor with a mean intensity of 50 to 500,

wherein said monocyte-derived antigen-presenting cells are substantially devoid of the surface antigens CD1a and CD1c,

the presence and mean intensities of CD14, CD64, CD80, CD86 being determined by immunofluorescence staining and flow cytometry analysis,

said MD-APCs present a phagocytic capacity as determined by an uptake of formalin-fixed yeast, after culturing [macrophages] MD-APCs for 2 hours, adding yeast in 1/10 [macrophages/yeast] MD-APCs/yeast ratio and incubating at 37°C, 5% CO₂ atmosphere for 2-3 hours fixing by the May-Grünwald-Giemsa (MGG) staining, and the percentage of phagocytic [The] monocyte-derived antigen-presenting cells being quantified by microscopic analysis, and

said MD-APCs present the property of stimulating the proliferation of allogenic lymphocytes as determined by an